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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME III. No. 7 — McKEE PRINT. — JULY, 1955

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1955, averaged 41,154 barrels daily, a decrease of 2,608 barrels from the average June production of 43,762.

The nine refineries in the State processed 60,264 barrels of crude oil daily for the month of July, an increase of 3,100 barrels daily from the 57,164 barrels processed daily during the month of June.

During July, 44 wells were completed, 14 oil, 1 gas well and 29 dry holes.

During July, the Commission issued 51 permits to drill new wells, a decrease of 3 from the 54 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JULY, 1955

	Barrels
IN STORAGE JULY 1st:	
By Producers	260,808
By Transporters	338,382
By Refiners	489,011
TOTAL STORAGE	1,088,201
Produced in Montana During Month	1,275,764
Imported During Month	1,063,555
TOTALS	3,427,520
DISPOSITION:	
Refined in Montana	1,868,175
Exported	415,827
Used for Fuel or Lost	245
TOTALS	2,284,247
IN STORAGE JULY 31st:	
By Producers	293,584
By Transporters	323,725
By Refiners	525,964
TOTAL STORAGE	1,143,273

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1955

Field	M Cu. Ft.
Bears Den	2,580
Bowdoin	119,916
Bowes	26,356
Box Elder	9,025
Cedar Creek	239,927
Cut Bank (Includes Reagan)	484,151
Devon	39,918
Dry Creek	91,549
East Poplar	3,467
Elk Basin	40,803
Golden Dome	40,773
Hardin	2,471
Keith Block	2,725
Kevin-Sunburst	40,092
Utopia	23,103
Whitlash Area	18,637
Miscellaneous	20,816
TOTAL	1,206,309

Total withdrawals for July, 1954 were 1,429,983 M Cu. Ft.

PRODUCERS REPORT

Month of July, 1955

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	747	5,003		4,768		982
....	Bannatyne	....	256			30		226
12	Big Wall	26	3,530	23,657		23,048		4,139
4	Border	8		922		922		
10	Bowes	74	4,163	41,249	41,462			3,950
3	Brady-Midway	3	122	265		246		141
1	Bredette	1	1,602	4,473		5,333	2	740
2	Brorson (Sidney Area)	3	2,288	6,487	6,333			2,442
1	Cabin Creek	14	4,046	54,103	53,835		1,016	3,298
29	Cat Creek	86	4,047	15,051	13,592			5,506
1	Clark's Fork	1	451	892		872		471
332	Cut Bank	1,087	114,649	222,018	212,678		38	123,951
3	Deer Creek	5	1,652	17,278	16,104			2,826
....	Devil's Basin	....	701					701
6	Dry Creek	8	1,365	16,455	15,621			2,199
20	Elk Basin	58	7,633	154,512	149,555			12,590
3	Fertile Prairie	3	1,598	4,193		4,542		1,249
2	Frannie	2	240	1,176	1,093			323
1	Gage	1	784	230		372		642
1	Gas City	1	1,288	4,550	4,938		375	525
5	Glendive	12	3,942	53,134	50,004			7,072
1	Golden Dome	1	562	263		509		316
1	Hardin Area	3	825	3,187		2,829	12	1,171
1	Ivanhoe Dome	2	515	2,493		2,078		930
222	Kevin-Sunburst	1,494	14,977	96,028	93,420		32	17,553
1	Lake Basin	1	1,730	100				1,830
1	Little Beaver	3	2,237	6,348		6,087	334	2,164
2	East Little Beaver	2	1,754	2,056		1,686	152	1,972
3	Melstone	5	2,126	6,122		6,212		2,036
3	Mosser	5		1,034		1,034		
2	Pine Unit Area	27	7,140	100,247	94,668		3,273	9,446
75	Pondera	310	17,353	32,607	32,833			17,127
58	Poplar Area	61	25,298	200,909	153,084	44,014		29,109
4	Northwest Poplar	5	1,265	3,388		3,741		912
2	Ragged Point	3	1,673	1,639		1,984		1,328
1	Rattlesnake Butte	1		103				103
2	Reagan	39	2,232	17,169	15,959			3,442
6	Richey	9	5,205	15,687		16,145		4,747
.....	Sand Creek	.....						
5	Soap Creek	12	2,039	10,284		9,859	259	2,205
1	Southwest Richey	3	1,089	6,379		5,922		1,546
16	Sumatra	52	11,913	132,165		128,523		15,555
4	Sweetgrass Hills	4	944	638		963		619
1	Wibaux Area	1	645	239				884
8	Whitlash	21	3,291	10,010	8,405	867		4,029
....	Woman's Pocket	....						
1	Woodrow	1	348	292	467			173
1	Yellowstone	1	543	729		858		414
859		3,463	260,808	1,275,764	964,051	273,444	5,493	293,584

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1954	14,195,447	38,892	14,095,481	38,618
First Quarter, 1955	3,984,702	44,274	3,964,504	44,050
Second Quarter, 1955	3,957,911	43,493	3,943,402	43,334
July, 1955	1,275,764	41,154	1,237,495	39,919

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December 31, 1954	268,121	418,111	656,194	1,342,426
March 31, 1955	259,079	428,250	541,857	1,229,186
June 30, 1955	260,808	338,382	489,011	1,088,201
July 31, 1955	293,584	323,725	525,964	1,143,273

*Includes Wyoming Oil

TRANSPORTER'S REPORT

Month of July, 1955

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carriers	
ASH CREEK									
Trucks			4,768				4,768		
BANNATYNE									
Trucks			30			30			
BIG WALL									
Trucks	1,603		23,048			13,764	9,332		1,555
BORDER									
Trucks			922			922			
BOWES									
Northern Pump Co.	1,643	9,434			(102)		9,353		1,826
The Texas Company	289	32,028				19,063	12,488		766
	1,932	41,462			(102)	19,063	21,841		2,592
BRADY-MIDWAY									
Trucks			246			246			
BREDETTE									
Trucks			5,333				5,333		
BRORSON									
Sun Oil Company		6,333					6,333		
CABIN CREEK, GAS CITY & PINE									
Shell Pipe Line Corp.	25,657	153,442				53,991	99,380		25,728
CAT CREEK									
Continental Oil Co.	6,653	8,599				10,637			4,615
Wm. Hanlon		4,993				4,993			
	6,653	13,592				15,630			4,615
CLARK'S FORK									
Trucks			872				872		
CUT BANK									
Darling Gathering Sys., Inc.	4,872	25,872			(298)	25,560			5,482
Phillips Petroleum Co.	37,437	47,824		2,850	(1665)	29,858		36,987	22,931
The Texas Pipe Line Co.	30,033	45,361		57,717	533	68,277		13,215	101,036
Toronto Pipe Line Co.	28,325	57,659			97			60,567	25,320
Union Oil Co.	73,657	35,763		50,202	1361	101,741			56,520
	224,324	212,479		110,769	78	225,436		110,769	211,289
DRY CREEK									
Ohio Oil Co.	8,028	15,621			(14)	14,515			9,148
ELK BASIN									
Ohio Oil Co.		149,555				106,392	43,163		
FERTILE PRAIRIE									
Trucks			4,542				4,542		
FRANNIE									
Ohio Oil Co.		1,093					1,093		
GAGE									
Trucks			372			372			
GLENDIVE AREA									
The Texas Pipe Line Co.	7,122	66,576			1,048	65,609	3,334		3,707
GOLDEN DOME									
Trucks			509				509		
HARDIN AREA									
Trucks			2,829				2,829		
IVANHOE DOME									
Trucks			2,078			2,078			
KEVIN-SUNBURST									
Big West Oil Co.	1,982	42,059				40,775			3,266
Homestake Oil & Gas Co.	188	3,951				4,034			105
The Texas Pipe Line Co.	11,232	45,006		1,732	(343)	46,850			11,463
Anna Aronow	274	1,737						1,732	279
	13,676	92,753		1,732	(343)	91,659		1,732	15,113
LITTLE BEAVER									
Shell Oil Co.			6,087			2,145	3,942		
EAST LITTLE BEAVER									
Shell Oil Co.			1,686			591	1,095		
MELSTONE									
Trucks			6,212			5,459			753
MOSSER									
Trucks			1,034			1,034			
PONDERA									
Phillips Petroleum Co.	38,318	32,832			(13,412)	47,704			36,858
POPLAR									
East Poplar Gathering Sys.	6,793	151,131			928		149,847		7,149
Trucks			44,014				44,014		
	6,793	151,131	44,014		928		193,861		7,149
NORTHWEST POPLAR									
Trucks			3,741				3,741		
RAGGED POINT									
Trucks	822		1,984			1,984			822
REAGAN									
Union Oil Co.		15,959				15,959			
RICHEY									
Shell Oil Co.			16,145		33	16,112			
SOUTHWEST RICHEY									
Shell Oil Co.			5,922		12	5,910			
SOAP CREEK									
Trucks			9,859				9,859		
SWEETGRASS HILLS									
Homestake Oil & Gas Co.	1,901	1,710		7,690		7,399			3,902
Western Natural Gas Co.	1,553	6,695			64			7,690	494
Trucks			1,830			1,830			
	3,454	8,405	1,830	7,690	64	9,229		7,690	4,396
SUMATRA									
Trucks			128,523		354	128,169			
YELLOWSTONE									
Trucks			858			858			
TOTALS	338,382	961,233	273,444	120,191	(11,354)	844,861	415,827	120,191	323,725

BARRELS OF CRUDE OIL REFINED IN MONTANA

Month of July, 1955

FIELDS	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Pet Co.	The Texas Co.	Union Oil Co.	Total by Fields
Big Wall	.....	10,498	.....	.....	.....	.....	.....	.....	.....	10,498
Border	.....	.....	.....	.....	.....	.....	.....	484	.....	484
Bowes	.....	.....	.....	14,985	.....	.....	.....	.....	.....	14,985
Brady-Midway	.....	.....	.....	.....	.....	.....	247	.....	.....	247
Cabin Creek	.....	.....	18,047	.....	.....	.....	.....	.....	.....	18,047
Cat Creek	.....	.....	10,543	.....	.....	6,438	.....	.....	.....	16,981
Cut Bank	17,362	.....	.....	.....	.....	.....	29,809	25,230	116,311	188,712
Dry Creek	.....	.....	.....	.....	15,530	.....	.....	.....	.....	15,530
Elk Basin	.....	73,638	32,754	.....	.....	.....	.....	.....	.....	106,392
Gage	.....	.....	.....	.....	372	.....	.....	.....	.....	372
Gas City	.....	.....	1,739	.....	.....	.....	.....	.....	.....	1,739
Glendive Area	.....	.....	10,052	.....	56,053	.....	.....	.....	.....	66,105
Ivanhoe Dome	.....	.....	.....	.....	2,058	.....	.....	.....	.....	2,058
Kevin-Sunburst	22,932	.....	.....	.....	.....	.....	.....	59,712	.....	82,644
Little Beaver	.....	.....	2,145	.....	.....	.....	.....	.....	.....	2,145
East Little Beaver	.....	.....	591	.....	.....	.....	.....	.....	.....	591
Melstone	.....	.....	.....	.....	5,258	.....	.....	.....	.....	5,258
Mosser	.....	.....	.....	.....	1,034	.....	.....	.....	.....	1,034
Pine Unit	.....	.....	33,306	.....	.....	.....	.....	.....	.....	33,306
Pondera	.....	.....	.....	.....	.....	.....	47,652	.....	.....	47,652
Ragged Point	.....	1,984	.....	.....	.....	.....	.....	.....	.....	1,984
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	15,959	15,959
Richey	.....	.....	16,112	.....	.....	.....	.....	.....	.....	16,112
Southwest Richey	.....	.....	5,910	.....	.....	.....	.....	.....	.....	5,910
Sumatra	.....	51,256	2,978	.....	55,264	.....	.....	.....	.....	109,498
Sweetgrass Hills	964	.....	.....	.....	.....	.....	.....	.....	1,057	2,021
Yellowstone	.....	.....	.....	.....	1,098	.....	.....	.....	.....	1,098
TOTAL MONTANA OIL	41,258	137,376	134,177	14,985	136,667	6,438	77,708	85,426	133,327	767,362
South Dakota Oil, Imported	.....	.....	965	.....	.....	.....	.....	.....	.....	965
Wyoming Oil, Imported	.....	559,446	194,790	.....	345,612	.....	.....	.....	.....	1,099,848
TOTAL MONTANA, SOUTH DAKOTA AND WYOMING OIL	41,258	696,822	329,932	14,985	482,279	6,438	77,708	85,426	133,327	1,868,175

AVERAGE BARRELS PER DAY

	Montana	So. Dakota	Wyoming	TOTAL
Year, 1954	24,752	25	29,768	54,545
July, 1954	22,807	....	33,130	55,937
July, 1955	24,754	31	35,479	60,264

PERCENTAGE OF CRUDE REFINED

Montana	So. Dakota	Wyoming
45.37%	.06%	54.57%
40.77%	.....	59.23%
41.08%	.05%	58.87%